

10/521873

Rec'd PCT/PTO 20 JAN 2005

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR03/01311

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 A61N 1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 A61B, A61N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
KR, JPElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
KIPONET, DELPHION

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5814093 A (NEUROMOTION Inc.) 29 SEPTEMBER 1998 see the entire document	1-11, 14-15
Y		16-22, 25-28
X	US 4432368 (WALLANT INTERNATIONAL TRADE, Inc.) 21 FEBRUARY 1984 see the entire document	1-4, 6, 10, 11, 14-15
Y		5, 16-20, 22, 27-28
Y	US 4419998 (R2 Corporation) 13 DECEMBER 1983 see column 4 line 36 - column 4 line 63	16-22, 25-28
Y	US 5938690 A (ADVANCED NEUROMODULATION SYSTEMS, Inc.) 17 AUGUST 1999 see figure 1	4
Y	US 4690145 (MINNESOTA MINING AND MANUFACTURING COMPANY) 1 SEPTEMBER 1987 see claim 1	5
A	US 6301505 B1 (COCHLEAR Limited) 9 OCTOBER 2001 see the entire document	16

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

20 OCTOBER 2003 (20.10.2003)

Date of mailing of the international search report

21 OCTOBER 2003 (21.10.2003)

Name and mailing address of the ISA/KR

 Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

JANG, Sung Won

Telephone No. 82-42-481-5587



Form PCT/ISA/210 (second sheet) (July 1998)

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR03/01311

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5814093 A	29-09-98	WO 9710874 A1 EP 0855926 A1 CA 2232672 C AU 6921396 A1	27-03-97 05-08-98 07-08-01 09-04-97
US 4432368 A	21-02-84	WO 8200951 A1 JP 57501664 T2 IT 8124099 A0 IL 0063889 A1 EP 0060879 A1 CA 1173113 A1 AU 0557125 B2	01-04-82 16-09-82 23-09-81 31-08-84 29-09-82 21-08-84 04-12-86
US 4419998 A	13-12-83	ZA 8105391 A WO 8200414 A1 NO 0821202 A NO 0168509 B MX 0152304 A KR 8501302 B1 JP 57501216 T2 IT 8149076 A0 IN 0157169 A IL 0063523 A1 ES 8301103 A1 EP 0057213 B1 DK 0164782 A DE 3177121 C0 CA 1212423 A2 CA 1212422 A2 BR 8108734 A AU 7531181 A1 AT 0047965 E	25-08-82 18-02-82 13-04-82 25-11-91 25-06-85 12-09-85 15-07-82 10-08-81 01-02-86 30-08-85 16-02-83 15-11-89 13-04-82 21-12-89 07-10-86 07-10-86 22-06-82 02-03-82 15-12-89
US 5938690 A	17-08-99	EP 0811395 A3	01-12-99
US 4690145 A	01-09-87	JP 61290964 A2 GB 2177304 B DE 3620220 A1	20-12-86 01-11-89 18-12-86
US 6301505 B1	09-10-01	WO 0076436 A1 AU 4252999 A1	21-12-00 02-01-01